

Application No.: 10/588,548
Art Unit: 1794

Response under 37 C.F.R. §1.116
Attorney Docket No.: 062869

REMARKS

Claims 1-20 are pending in the present application. No new matter has been entered. In light of the following remarks, Applicants earnestly solicit favorable reconsideration.

Claim Rejections - 35 U.S.C. § 112

Claims 1-20 stand rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Specifically, the Examiner objects to the phrase “mixing quantity” as it is allegedly unclear from the specification. The Examiner asks if the mixing quantity is the amount added during the process of making the hard coat layer or is it the amount in the final, cured hard coat layer.”

The Examiner asks for correction or clarification. Applicants hereby clarify the claimed term, as request by the Examiner.

Independent Claim 1:

Independent claim 1 recites:

A hard coat film comprising a hard coat layer, which is a cured coat layer, provided on at least one side of a transparent plastic film substrate, wherein

a hard coat layer forming material comprises: urethane acrylate (A); isocyanuric acid acrylate (B) and inorganic ultrafine particles (C), and

a **mixing quantity** of the isocyanuric acid acrylate (B) is about in the range of from 5 to 25 parts by weight relative to 100 parts by weight of the urethane acrylate (A),

a **mixing quantity** of the inorganic ultrafine particles (C) is about in the range of from 10 to 60 parts by weight relative to all resin components in a hard coat forming material, and

a difference in refractive index between the transparent plastic film substrate and the hard coat layer is 0.04 or less. (Emphasis added.)

A “mixing quantity” is discussed, for example, in paragraphs [0041], [0044], [0045], [0046] and [0049] of the present specification. Paragraph [0041] of the present specification states:

No specific limitation is placed on a mixing quantity of isocyanuric acid acrylate (B), but a mixing quantity thereof is preferably about in the range of from 5 to 25 parts by weight relative to 100 parts by weight of urethane acrylate (A).

Applicants state that the mixing quantity is the amount of isocyanuric acid acrylate (B), added during the process of making the hard coat layer.

Paragraph [0044] of the present specification states:

A mixing quantity of inorganic ultrafine particles (C) is preferably about in the range of from 10 to 60 parts by weight relative to all the resin components in a hard coat forming material.

Applicants state that the mixing quantity of inorganic ultrafine particles (C), is the amount added during the process of making the hard coat layer.

As such, Applicants ask that the rejection under 35 U.S.C. § 112 be withdrawn.

In view of the aforementioned amendments and accompanying remarks, Applicants submit that the claims are in condition for allowance. Applicants request such action at an early date.

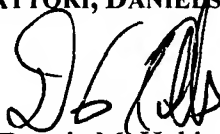
If the Examiner believes that this application is not now in condition for allowance, the Examiner is requested to contact Applicants' undersigned attorney to arrange for an interview to expedite the disposition of this case.

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If this paper is not timely filed, Applicants respectfully petition for an appropriate extension of time. The fees for such an extension or any other fees that may be due with respect to this paper may be charged to Deposit Account No. 50-2866.

Respectfully submitted,
WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP

A handwritten signature in black ink, appearing to read 'D. Hubbs', is written over the firm name.

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DMH/mra